CLAIMS:

1. A gateway arrangement for receiving traffic comprising a first type of traffic and a second type of traffic, said gateway arrangement comprising a first and a second gateway, said first gateway being arranged to separate the first and second types traffic, said first type of traffic being output to said second gateway, said second gateway being arranged to extract information from said first type of traffic and output said information to the first gateway, and said first gateway having an output interface which is arranged to output the second type of traffic in accordance with said extracted information.

2. An arrangement as claimed in claim 1, wherein the first and second gateways are connected to a connector and the first type of traffic is sent between said first and second gateways via said connector.

3. An arrangement as claimed in claim 2, wherein said connector is provided by a local area network.

4. An arrangement as claimed in claim 1, wherein the first and second gateways are connected directly to each other.

5. An arrangement as claimed in claim 1, wherein said first gateway is arranged to be connected to a mobile telecommunications network.

6. An arrangement as claimed in claim 5, wherein said first gateway has a second interface for connecting to said mobile telecommunications network.

7. An arrangement as claimed in claim 1, wherein said first gateway is arranged to be connected to a wired telecommunications network.

8. An arrangement as claimed in claim 1, wherein said output

interface is also an input interface which is arranged to receive first and second types of traffic signals.

9. An arrangement as claimed in claim 1, wherein said first type of traffic is signalling traffic.

10. An arrangement as claimed in claim 1, wherein said second type of traffic is payload traffic.

11. An arrangement as claimed in claim 1, wherein said first and second gateways are connected via a wired connection.

12. An arrangement as claimed in claim 1, wherein said first and second gateways are connected via a wireless connection.

13. An arrangement as claimed in claim 1, wherein a plurality of first gateways are provided for the or each second gateway.

14. An arrangement as claimed in claim 13, wherein eight of said first gateways are provided for the or each second gateway.

15. An arrangement as claimed in claim 1, wherein said first gateway is arranged to alter the coding of said second type of traffic.

16. An arrangement as claimed in claim 1, wherein said second gateway is arranged to alter the protocol of said first type of traffic.

17. An arrangement as claimed in claim 1, wherein said output interface is in accordance with the ETSI E1 standard.

18. An arrangement as claimed in claim 1, wherein said gateway arrangement is provided between a GSM environment and an IP environment.

19. An arrangement as claimed in claim 1, wherein said extracted

information is at least one of time slot and address information.

20. A gateway, said gateway being arranged to receive first and second types of traffic, said gateway comprising:

means for separating said first and second types of traffic; output means for outputting said first type of traffic to a second gateway for processing by said second gateway; input means for receiving said processed first type of traffic from said second gateway whereby the second type of traffic is output by said output means in accordance with the processed first type of traffic received from said second gateway.